



#14

1
SEQUENCE LISTING

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Wong, Geraldine S.
Rodriguez, Henry

<120> COMPOSITIONS AND METHODS FOR DETECTING STRESS-INDUCIBLE PROTEINS

<130> 12071-006001

<140> US 09/733,179
<141> 2000-12-07

<150> WO US00/33341
<151> 2000-12-07

<150> US 60/169,535
<151> 1999-12-07

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 21
<212> PRT
<213> Homo sapiens

<400> 1
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1 5 10 15
Ser Thr Gly Pro Ile
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<400> 2
Cys Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr Gly Pro Ile
1 5 10 15

<210> 3
<211> 12
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1 5 10

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<400> 4
Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln Asp Lys Cys
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<210> 5
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1 5 10

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<400> 6
Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser Leu Arg
1 5 10 15
Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
20 25

<210> 7
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<210> 8
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Met Gln Ala Pro Arg Glu Leu Ala Val Gly Ile Asp
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<210> 9
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Met Gln Ala Pro Arg Glu Leu Ala Val Gly Ile Asp Cys
1 5 10

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<400> 10

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ser | Leu | Gln | Glu | Glu | Ser | Leu | Arg | Asp | Lys | Ile | Pro | Glu | Glu |
| 1 | | | 5 | | | | 10 | | | | | 15 | | |

<210> 11

<211> 643

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<213> Homo sapiens

<400> 11

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Met | Gln | Ala | Pro | Arg | Glu | Leu | Ala | Val | Gly | Ile | Asp | Leu | Gly | Thr | Thr | |
| 1 | | | 5 | | | | 10 | | | | | 15 | | | | |
| Tyr | Ser | Cys | Val | Gly | Val | Phe | Gln | Gln | Gly | Arg | Val | Glu | Ile | Leu | Ala | |
| | | | 20 | | | 25 | | | | | | 30 | | | | |
| Asn | Asp | Gln | Gly | Asn | Arg | Thr | Thr | Pro | Ser | Tyr | Val | Ala | Phe | Thr | Asp | |
| | 35 | | | | 40 | | | | | | | 45 | | | | |
| Thr | Glu | Arg | Leu | Val | Gly | Asp | Ala | Ala | Lys | Ser | Gln | Ala | Ala | Leu | Asn | |
| | 50 | | | | 55 | | | | | | | 60 | | | | |
| Pro | His | Asn | Thr | Val | Phe | Asp | Ala | Lys | Arg | Leu | Ile | Gly | Arg | Lys | Phe | |
| | 65 | | | | 70 | | | | | | 75 | | | 80 | | |
| Ala | Asp | Thr | Thr | Val | Gln | Ser | Asp | Met | Lys | His | Trp | Pro | Phe | Arg | Val | |
| | | 85 | | | | | | 90 | | | | | 95 | | | |
| Val | Ser | Glu | Gly | Gly | Lys | Pro | Lys | Val | Pro | Val | Ser | Tyr | Arg | Gly | Glu | |
| | | 100 | | | | | | 105 | | | | | 110 | | | |
| Asp | Lys | Thr | Phe | Tyr | Pro | Glu | Glu | Ile | Ser | Ser | Met | Val | Leu | Ser | Lys | |
| | | 115 | | | | | | 120 | | | | | 125 | | | |
| Met | Lys | Glu | Thr | Ala | Glu | Ala | Tyr | Leu | Gly | Gln | Pro | Val | Lys | His | Ala | |
| | | 130 | | | | | 135 | | | | | 140 | | | | |
| Val | Ile | Thr | Val | Pro | Ala | Tyr | Phe | Asn | Asp | Ser | Gln | Arg | Gln | Ala | Thr | |
| | 145 | | | | | 150 | | | | | 155 | | | 160 | | |
| Lys | Asp | Ala | Gly | Ala | Ile | Ala | Gly | Leu | Asn | Val | Leu | Arg | Ile | Ile | Asn | |
| | | 165 | | | | | | 170 | | | | | 175 | | | |
| Glu | Pro | Thr | Ala | Ala | Ala | Ile | Ala | Tyr | Gly | Leu | Asp | Arg | Arg | Gly | Ala | |
| | | 180 | | | | | | 185 | | | | | 190 | | | |
| Gly | Glu | Arg | Asn | Val | Leu | Ile | Phe | Asp | Leu | Gly | Gly | Thr | Phe | Asp | | |
| | | 195 | | | | | | 200 | | | | | 205 | | | |
| Val | Ser | Val | Leu | Ser | Ile | Asp | Ala | Gly | Val | Phe | Glu | Val | Lys | Ala | Thr | |
| | | 210 | | | | | 215 | | | | | 220 | | | | |
| Ala | Gly | Asp | Thr | His | Leu | Gly | Gly | Glu | Asp | Phe | Asp | Asn | Arg | Leu | Val | |
| | | 225 | | | | | 230 | | | | | 235 | | | 240 | |
| Asn | His | Phe | Met | Glu | Glu | Phe | Arg | Arg | Lys | His | Gly | Lys | Asp | Leu | Ser | |
| | | | 245 | | | | | 250 | | | | | 255 | | | |
| Gly | Asn | Lys | Arg | Ala | Leu | Gly | Arg | Leu | Arg | Thr | Ala | Cys | Glu | Arg | Ala | |
| | | | 260 | | | | | 265 | | | | | 270 | | | |
| Lys | Arg | Thr | Leu | Ser | Ser | Thr | Gln | Ala | Thr | Leu | Glu | Ile | Asp | Ser | | |
| | | 275 | | | | 280 | | | | | 285 | | | | | |
| Leu | Phe | Glu | Gly | Val | Asp | Phe | Tyr | Thr | Ser | Ile | Thr | Arg | Ala | Arg | Phe | |
| | | 290 | | | | 295 | | | | | 300 | | | | | |
| Glu | Glu | Leu | Cys | Ser | Asp | Leu | Phe | Arg | Ser | Thr | Leu | Glu | Pro | Val | Glu | |
| | | 305 | | | | 310 | | | | | 315 | | | 320 | | |
| Lys | Ala | Leu | Arg | Asp | Ala | Lys | Leu | Asp | Lys | Ala | Gln | Ile | His | Asp | Val | |
| | | | 325 | | | | | 330 | | | | | 335 | | | |
| Val | Leu | Val | Gly | Gly | Ser | Thr | Arg | Ile | Pro | Lys | Val | Gln | Lys | Leu | Leu | |
| | | | 340 | | | | | 345 | | | | | 350 | | | |
| Gln | Asp | Phe | Phe | Asn | Gly | Lys | Glu | Leu | Asn | Lys | Ser | Ile | Asn | Pro | Asp | |
| | | 355 | | | | | 360 | | | | | 365 | | | | |

Glu Ala Val Ala Tyr Gly Ala Ala Val Gln Ala Ala Val Leu Met Gly
 370 375 380
 Asp Lys Cys Glu Lys Val Gln Asp Leu Leu Leu Leu Asp Val Ala Pro
 385 390 395 400
 Leu Ser Leu Gly Leu Glu Thr Ala Gly Gly Val Met Thr Thr Leu Ile
 405 410 415
 Gln Arg Asn Ala Thr Ile Pro Thr Lys Gln Thr Gln Thr Phe Thr Thr
 420 425 430
 Tyr Ser Asp Asn Gln Pro Gly Val Phe Ile Gln Val Tyr Glu Gly Glu
 435 440 445
 Arg Ala Met Thr Lys Asp Asn Asn Leu Leu Gly Arg Phe Glu Leu Ser
 450 455 460
 Gly Ile Pro Pro Ala Pro Arg Gly Val Pro Gln Ile Glu Val Thr Phe
 465 470 475 480
 Asp Ile Asp Ala Asn Gly Ile Leu Ser Val Thr Ala Thr Asp Arg Ser
 485 490 495
 Thr Gly Lys Ala Asn Lys Ile Thr Ile Thr Asn Asp Lys Gly Arg Leu
 500 505 510
 Ser Lys Glu Glu Val Glu Arg Met Val His Glu Ala Glu Gln Tyr Lys
 515 520 525
 Ala Glu Asp Glu Ala Gln Arg Asp Arg Val Ala Ala Lys Asn Ser Leu
 530 535 540
 Glu Ala His Val Phe His Val Lys Gly Ser Leu Gln Glu Glu Ser Leu
 545 550 555 560
 Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln Asp Lys Cys
 565 570 575
 Arg Glu Val Leu Ala Trp Leu Glu His Asn Gln Leu Ala Glu Lys Glu
 580 585 590
 Glu Tyr Glu His Gln Lys Arg Glu Leu Glu Gln Ile Cys Arg Pro Ile
 595 600 605
 Phe Ser Arg Leu Tyr Gly Gly Pro Gly Val Pro Gly Gly Ser Ser Cys
 610 615 620
 Gly Thr Gln Ala Arg Gln Gly Asp Pro Ser Thr Gly Pro Ile Ile Glu
 625 630 635 640
 Glu Val Asp

<210> 12
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<400> 12
 gaagcttcac atatgcaggc cccacgggag ctcg

34

<210> 13
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<210> 14
 <211> 31
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 <213> Homo sapiens

<400> 14
tgacaagctt agaattcttc catgaagtgg t 31

<210> 15
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<213> Homo sapiens

<400> 15
Cys Arg Asp Lys Ile Pro Glu Glu Asp Arg Arg Lys Met Gln
1 5 10